

Title (en)

DEVICE AND METHOD FOR DETECTING A CONCENTRATION OF A SUBSTANCE IN A FLUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG EINER STOFFKONZENTRATION IN EINEM FLUID

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE D'UNE CONCENTRATION D'UNE SUBSTANCE DANS UN FLUIDE

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Application

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Abstract (en)

[origin: WO2015172977A1] The present invention relates to a measuring apparatus for determining a substance concentration in a fluid arranged in a measurement volume (4), having: – a source (1) that outputs a source spectrum, – a wavelength-selective means arranged before the measurement volume, – a measurement chamber that delimits the measurement volume (4) at least in a beam path (7), and – a detector (6) for measuring a wavelength-related absorption of a measurement spectrum that has passed through the measurement volume (4), wherein a fluorescence-reducing element (5) is arranged in the beam path (7) between the detector (6) and the measurement volume (4). The present invention also relates to a corresponding method.

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